

Abstract

A solid-state imaging device includes a plurality of light-receiving units two-dimensionally arrayed in a semiconductor substrate, a filter unit operable to transmit incident light of selected wavelengths to the plurality of light receiving units and a light shielding unit operable to shield incident light, the light shielding unit having a plurality of apertures, each aperture opposing a corresponding light receiving unit. Here, on a path of incident light from the light shielding unit to the plurality of light shielding units, the filter unit is disposed between the light shielding unit and the plurality of light-receiving units. The solid-state imaging device prevents color mixing caused by oblique light.